

APENDIX A

DHS MONTHLY TREATMENT REPORT

CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT

3

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August 10, 2006

"Trusted, Quality Service since 1905"

Ms. Yen Tran
Sanitary Engineer
State Department of Health Services
Drinking Water Field Operator Branch
464 W. 4th Street, Suite 437
San Bernardino, CA 92401

**RE: JULY 2006 MONTHLY SUMMARY TREATMENT REPORTS FOR SYSTEM NO.
3610039, WATER SUPPLY PERMIT NO. 03-13-99P-002**

Dear Ms. Tran:

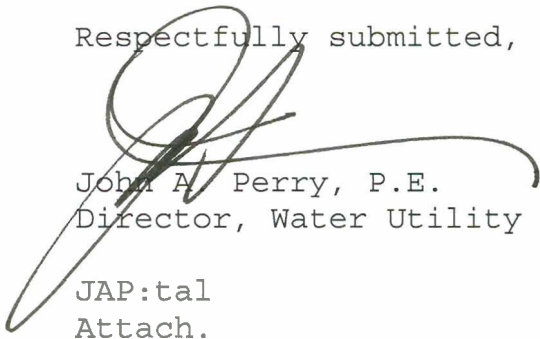
Enclosed are the monthly summary reports for each Granular Activated Carbon and Packed Tower Aeration facility. The required information is provided in two separate report formats: Information on well production, plant influent and effluent water flow, and amount of contaminant removed are covered in the July 2006 Operations Monthly Treatment Reports. Information on bacterial results and constituents of concern for each of the wells and treatment plants for the month of July 2006 is presented in the attached Water Quality Reports, Newmark OU/Towers/19th Street GAC.

It is my understanding the energy consumed for each is no longer of interest to DHS and is not required in the monthly reports.

Ms. Yen Tran
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August 10, 2006

Please contact me at (909) 384-5107 if additional information or modifications to the formats of the reports are desired.

Respectfully submitted,



John A. Perry, P.E.
Director, Water Utility

JAP:tal
Attach.

cc: Kim Hoang, Ph.D. (e-mailed w/attach)
Stacey R. Aldstadt (e-mailed w/attach)
Robin Ohama (e-mailed w/attach)
Mike Lowe (e-mailed w/attach)
Matthew Litchfield (e-mailed w/attach)
Valerie Housel (e-mailed w/attach)
Susan Troy (e-mailed w/attach)
Lana Kennerly (e-mailed w/attach)

San Bernardino Municipal Water Department

Operations Monthly Treatment Report

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AUG 07 2006

Newmark OU / Towers / 19th St South GAC / 19th St North GAC

Reporting Period: Jul 2006

CITY OF SAN BERNARDINO
MUNICIPAL WATER DEPARTMENT

EPA 17th Street Plant					
Production GAC Wells					
EPA 003		200.999 AF			
GAC Treatment					
Vessel	Monthly Treated	Total Since Change-out	Vessel	Monthly Treated	Total Since Change-out
1A	11.724	11.724	1B	62.112	596.009
2A	15.425	15.425	2B	55.484	587.466
3A	15.914	15.914	3B	52.840	600.316
Totals	43.063 AF	43.063 AF		170.436 AF	1783.791 AF
Vessels					
TCE-In	0.7				
TCE-Out	0.0				
PCE-In	3.2				
PCE-Out	0.0				
Total	3.9 ug/L	lbs Removed	2.26		

EPA South Plant and Waterman Towers							
Production GAC Wells		Tower Wells	Wells		Towers		
		Waterman	297.360	TCE+PCE-In	4.7	TCE+PCE-Out	0.0
		30th St.	255.645	TCE+PCE-In	4.7	TCE+PCE-Out	0.0
		South Total		553.005 AF			
EPA 002	217.050	Leroy	203.981	TCE+PCE-In	4.7	TCE+PCE-Out	0.0
EPA 004	214.954	31st St.	154.031	TCE+PCE-In	4.7	TCE+PCE-Out	0.0
EPA 005	224.949						
Total		656.953 AF		North Total		358.012 AF	
GAC Treatment							
Vessel	Monthly Treated	Total Since Change-out	Vessel	Monthly Treated	Total Since Change-out		
1A	0.000	1075.898	1B	73.113	105.248		
2A	0.000	1037.317	2B	74.759	109.417		
3A	0.000	1071.177	3B	73.827	101.630		
4A	0.000	1030.841	4B	72.782	99.680		
5A	0.000	1045.364	5B	76.935	88.921		
6A	0.000	583.778	6B	76.788	89.166		
7A	0.000	836.614	7B	95.475	102.380		
8A	0.000	972.046	8B	115.521	123.434		
Totals	0.000 AF	7653.035 AF	659.200 AF		819.876 AF		
Vessels				Towers			
TCE-In	0.6		#'s Removed Waterman		3.80		
TCE-Out	0.0		#'s Removed 30th St		3.27		
PCE-In	2.2		#'s Removed Leroy		2.61		
PCE-Out	0.0		#'s Removed 31st St		1.97		
Total	2.8 ug/L	lbs Removed	5.02	Total pounds Removed Tower		11.64	

San Bernardino Municipal Water Department

Operations Monthly Treatment Report

Newmark OU / Towers / 19th St South GAC / 19th St North GAC

Reporting Period: Jul 2006

EPA North Plant and Newmark Towers										
Production GAC Wells			Tower Wells							
			Newmark 1	83.639	TCE+PCE-In	0.5	TCE+PCE-Out	0.0		
EPA 006	119.548		Newmark 4	267.326	TCE+PCE-In	0.5	TCE+PCE-Out	0.0		
EPA 007	187.091		West Tower 350.965 AF							
NM3	127.174		Newmark 2	170.941	TCE+PCE-In	0.5	TCE+PCE-Out	0.0		
Total		433.813 AF	East Total 170.941 AF							
GAC Treatment										
Vessel		Monthly Treated	Total Since Change-out		Vessel		Monthly Treated	Total Since Change-out		
1A		37.048	409.367		1B		0.000	0.000		
2A		38.641	487.176		2B		0.000	0.000		
3A		36.352	461.592		3B		0.000	0.000		
4A		87.729	686.332		4B		0.000	0.000		
5A		83.129	674.109		5B		0.000	0.000		
6A		81.329	681.474		6B		0.000	0.000		
7A		75.700	645.422		7B		0.000	0.000		
Totals		439.928 AF	4045.472 AF				0.000 AF	0.000 AF		
Vessels					Towers					
TCE-In		0.5	#'s Removed Newmark 1					0.11		
TCE-Out		0.0	#'s Removed Newmark 4					0.36		
PCE-In		3.1	#'s Removed Newmark 2					0.23		
PCE-Out		0.0								
Total		3.6 ug/L	lbs Removed	4.30	Total pounds Removed Tower				0.71	

19th Street South Plant					
Production GAC Wells					
19th St 1	135.018				
19th St 2	82.909	AF			
Mt Vernon	0.000				
Total	217.927	AF			
GAC Treatment					
Vessel	Monthly Treated	Total Since Change-out	Vessel	Monthly Treated	Total Since Change-out
1A	0.000	704.081	1B	101.760	273.286
2A	0.000	762.205	2B	55.549	193.362
3A	0.000	795.884	3B	32.580	143.958
4A	0.000	758.694	4B	32.888	161.075
Totals	0.000	AF	3020.864	AF	222.785
			AF		
Vessels					
TCE-In	0.6				
TCE-Out	0.0				
PCE-In	5.9				
PCE-Out	0.0				
Total	6.5	ug/L	lbs Removed	3.94	

San Bernardino Municipal Water Department

Operations Monthly Treatment Report

Newmark OU / Towers / 19th St South GAC / 19th St North GAC

Reporting Period: Jul 2006

EPA 19th Street North Plant					
Production GAC Wells					
EPA 1	202.553 AF				
EPA 108	204.270 AF				
EPA 109	207.725 AF				
EPA 110	216.054 AF				
EPA 111	306.880 AF				
EPA 112	208.882 AF				
Totals	1346.364 AF				
GAC Treatment					
Vessel	Monthly Treated	Total Since Change-out	Vessel	Monthly Treated	Total Since Change-out
1A	105.301	1476.929	1B	0.000	0.000
2A	120.075	1549.512	2B	0.000	0.000
3A	114.490	1702.171	3B	0.000	0.000
4A	114.812	1601.722	4B	0.000	0.000
5A	107.881	1726.604	5B	0.000	0.000
6A	114.681	1929.900	6B	0.000	0.000
7A	0.000	0.000	7B	0.000	0.000
8A	102.502	1446.726	8B	0.000	0.000
9A	108.126	1584.386	9B	0.000	0.000
10A	112.486	1566.205	10B	0.000	0.000
11A	109.134	1614.972	11B	0.000	0.000
12A	115.741	1795.924	12B	0.000	0.000
13A	111.717	1660.374	13B	0.000	0.000
14A	0.000	0.000	14B	0.000	0.000
Totals	1336.946 AF	19655.425 AF		0.000 AF	0.000 AF
Vessels					
TCE-In	0.8				
TCE-Out	0.0				
PCE-In	3.8				
PCE-Out	0.0				
Total	4.6 ug/L	lbs Removed 16.71			

Summary Monthly		Year to Date	
Total AF Treated GAC	2872.358	Total AF Treated GAC	18913.402
Total AF Treated Towers	1432.923	Total AF Treated Towers	3065.550
Combined AF Treated	4305.281	Combined AF Treated	21978.952
Total lbs Removed GAC	32.2	Total lbs Removed GAC	209.2
Total lbs Removed Towers	12.3	Total lbs Removed Towers	34.0
Combined Pounds Removed	44.6	Combined Pounds Removed	243.2